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This application is also a continuation of U.S. Patent Application Ser. No. 09/071,717, filed May 1, 1998, and entitled, "Voice User Interface With Personality," and naming Roy D. Albert, Mark D. Campbell, James P. Giangola, Clifford I. Nass, Byron B. Reeves, Kevin J. Surace, George M. White as the inventors, which is now U.S. Patent No.: 6,144,938, is being incorporated herein by reference in its entirety.

In the claims

Please cancel Claims 1-~~142~~¹⁰⁴. Please add new Claims 143-178 as follows:

1 through ~~142~~¹⁰⁴: Canceled.

105 ~~143~~: (New) A method for implementing a voice user interface with personality, comprising:

selecting a personality;

defining a dialog based on the selected personality, wherein the dialog emulates human verbal behavior for the selected personality; and

developing a recognition grammar.

106 ~~144~~: (New) The method recited in Claim 143, further comprising:
determining market requirements.

107 ~~145~~: (New) The method recited in Claim 143, wherein:
selecting a personality further comprises selecting a plurality of personalities.

108 ~~146~~: (New) The method recited Claim 145, wherein:
defining a dialog based on the selected personality further comprises defining a dialog based on the plurality of personalities.

109 ~~147~~: (New) The method recited Claim 145, wherein:
developing a recognition grammar further comprises developing a recognition grammar for each of the plurality of personalities.

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~~148.~~ (New) The method recited in Claim 144, wherein:

determining market requirements further comprises determining functionality of a voice user interface with personality as desired by one or more target customers.

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~~149.~~ (New) The method recited in Claim 143, wherein:

defining a dialog further comprises generating a greeting to be output to the user.

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~~150.~~ (New) The method recited in Claim 143, wherein:

defining a dialog further comprises generating a prompt to be provided to a user in order to initiate an interaction.

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~~151.~~ (New) The method recited in Claim 143, wherein:

defining a dialog further comprises generating a response to be provided to a use.

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~~152.~~ (New) The method recited in Claim 143, further comprising:

providing a data processing device capable of executing the application.

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~~153.~~ (New) The method recited in Claim 143, further comprising:

determining that the dialog should be refined; and

refining the dialog.

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~~154.~~ (New) The method recited in Claim 143, wherein:

developing a recognition grammar further comprises specifying a set of commands that a voice user interface with personality can understand when spoken by the user.

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~~155.~~ (New) The method recited in Claim 143, further comprising:

generating a help file that coaches the user to say phrases that are included within the recognition grammar.

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~~156.~~ (New) The method recited in Claim 143, further comprising:

defining application requirements.

¹¹⁹
~~157.~~ (New) The method recited in Claim 156, wherein:

defining application requirements further comprises defining functional requirements for interaction with a user.

¹²⁰
~~158.~~ (New) The method recited in Claim 156, wherein:

defining application requirements further comprises defining functional requirements for voice mail functionality.

¹²¹
~~159.~~ (New) The method recited in Claim 156, wherein:

defining application requirements further comprises defining functional requirements for electronic mail (email) functionality.

¹²²
~~160.~~ (New) The method recited in Claim 143, further comprising:

creating a description of a stereotypical person displaying the selected personality.

¹²³
~~161.~~ (New) The method of Claim 145, further comprising:

creating a description of a stereotypical person displaying the plurality of personalities.

¹²⁴
~~162.~~ (New) The method recited in Claim 160, wherein:

creating a description further comprises describing the age of the stereotypical person.

¹²⁵
~~163.~~ (New) The method recited in Claim 160, wherein:

creating a description further comprises describing the gender of the stereotypical person.

¹²⁶
~~164.~~ (New) The method recited in Claim 160, wherein:

creating a description further comprises describing the education level of the stereotypical person.

¹²⁷
~~165.~~ (New) The method recited in Claim 160, wherein:

creating a description further comprises describing the employment history of the stereotypical person.

¹²⁸
~~166.~~ (New) The method recited in Claim 160, wherein:

creating a description further comprises describing the gender of the stereotypical person.

¹²⁹
~~167~~. (New) The method recited in Claim 160, wherein:

creating a description further comprises describing the current employment position of the stereotypical person.

¹³⁰
~~168~~. (New) The method recited in Claim 143, further comprising:

developing a scenario for verbal interaction between the stereotypical person and a typical user.

¹³¹
~~169~~. (New) The method recited in Claim 167, wherein:

developing a scenario further comprises developing a plurality of scenarios, each of the plurality of scenarios being a scenario for verbal interaction between the stereotypical person and a different one of a plurality of typical users.

¹³²
~~170~~. (New) The method recited in Claim 143, further comprising:

generating a script for the dialog.

¹³³
~~171~~. (New) The method recited in Claim 170, wherein:

the script represents the dialog in language that represents the selected personality.

¹³⁴
~~172~~. (New) The method recited in Claim 170, wherein:

the script includes a plurality of greetings.

¹³⁵
~~173~~. (New) The method recited in Claim 156, further comprising:

implementing an application based on the application requirements and the dialog.

¹³⁶
~~174~~. (New) The method recited in Claim 173, wherein:

implementing an application further comprises generating a finite state machine to specify all functions specified in the application requirements.

¹³⁷
~~175~~. (New) The method recited in Claim 173, wherein:

implementing an application further comprises generating software code to implement a finite state machine that specifies all functions specified in the application requirements.

¹³⁸
~~176~~. (New) The method recited in Claim 170, further comprising:

recording the script to generate a recorded script reflecting the selected personality.

¹³⁹
~~177~~. (New) The method recited in Claim 176, further comprising:

selecting an actor;

wherein recording the script further comprises recording the script as uttered by the actor

¹⁴⁰
~~178~~. (New) A voice user interface with personality created in accordance with the method recited in Claim 143.
